

FLUID DYNAMIC BEARING APPARATUS

Abstract

A rotation shaft is supported in a sleeve in a fluid dynamic bearing apparatus. Fluid is filled between the rotation shaft and the sleeve. A dust catcher is disposed between the rotation shaft and the sleeve. The fluid dynamic bearing apparatus allows the fluid to flow within the space between the rotation shaft and the sleeve during the rotation of the rotation shaft. The dust catcher catches fine dusts contained in the fluid. The diffusion of the fine dusts can thus be prevented in the fluid. The viscosity of the fluid cannot increase. The rotation shaft keeps smoothly rotating in an expected manner.